

1 **In the Claims**

2 Please amend claims 1, 3-16, 20, 22-33, 35-41, 45, 55-56, and 61-66 as
3 shown herein.

4 Claims 1-71 are pending and are listed following:

5
6 1. **(currently amended)** A method, comprising:

7 providing an audio rendition manager having audio data processing
8 components to process audio data, the audio data processing components being
9 instantiated by the audio rendition manager as component objects having one or
10 more interfaces that are callable by an application program;

11 the audio rendition manager receiving a request from the application
12 program for a programming reference corresponding to an interface of one of the
13 instantiated audio data processing components, the request from the application
14 program being a call to an interface method of the audio rendition manager to
15 provide one or more interface method search parameters; and

16 the audio rendition manager returning the requested programming reference
17 to the application program.

18
19 2. **(original)** A method as recited in claim 1, wherein said returning
20 comprises returning a memory address of a reference to the requested
21 programming reference.

1 **3. (currently amended)** A method as recited in claim 1, wherein
2 the audio rendition manager is a component object having one or more interfaces
3 that are callable by the application program, ~~and wherein said receiving comprises~~
4 ~~the application program calling an interface method of the audio rendition~~
5 ~~manager.~~

6
7 **4. (currently amended)** A method as recited in claim 1, ~~wherein~~
8 ~~said receiving comprises the application program calling an interface method of~~
9 ~~the audio rendition manager, and wherein the method further comprises further~~
10 ~~comprising determining the requested programming reference with the audio~~
11 ~~rendition manager interface method.~~

12
13 **5. (currently amended)** A method as recited in claim 1, wherein
14 said providing the audio rendition manager comprises instantiating the audio
15 rendition manager as an object having one or more interfaces, ~~wherein said~~
16 ~~receiving comprises the application program calling an interface method of the~~
17 ~~audio rendition manager, and wherein the method further comprises determining~~
18 ~~the requested programming reference with the audio rendition manager interface~~
19 ~~method.~~

1 **6. (currently amended)** A method as recited in claim 1, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio rendition manager and providing one or more interface method search~~
4 ~~parameters, and wherein the method further comprises~~ further comprising
5 determining the requested programming reference with the audio rendition
6 manager interface method in accordance with the one or more interface method
7 search parameters.

8
9 **7. (currently amended)** A method as recited in claim 1, ~~wherein~~
10 ~~said receiving comprises the application program calling an interface method of~~
11 ~~the audio rendition manager, and wherein the method further comprises~~ further
12 comprising determining the requested programming reference with an interface
13 method search parameter that identifies the particular one of the instantiated audio
14 data processing components.

15
16 **8. (currently amended)** A method as recited in claim 1, ~~wherein~~
17 ~~said receiving comprises the application program calling an interface method of~~
18 ~~the audio rendition manager, and wherein the method further comprises~~ further
19 comprising determining the requested programming reference with an interface
20 method search parameter that is a component identifier of one of the instantiated
21 audio data processing components, the search parameter having a value that
22 identifies said component.

1 **9. (currently amended)** A method as recited in claim 1, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio rendition manager, and wherein the method further comprises~~ further
4 comprising determining the requested programming reference with an interface
5 method search parameter that is a component identifier of one of the instantiated
6 audio data processing components, the search parameter having a value that
7 identifies said component as a component object having one or more audio data
8 modifying components.

9
10 **10. (currently amended)** A method as recited in claim 1, ~~wherein~~
11 ~~said receiving comprises the application program calling an interface method of~~
12 ~~the audio rendition manager, and wherein the method further comprises~~ further
13 comprising determining the requested programming reference with an interface
14 method search parameter that is a component identifier of one of the instantiated
15 audio data processing components, the search parameter having a value that
16 identifies said component as an audio sound wave data mixing component.

1 **11. (currently amended)** A method as recited in claim 1, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio rendition manager, and wherein the method further comprises further~~
4 ~~comprising determining the requested programming reference with the one or~~
5 ~~more interface method search parameters, ~~comprising~~ that include:~~

6 a component identifier of one of the instantiated audio data processing
7 components, the search parameter having a value that identifies said component as
8 an audio buffer component that receives audio sound wave data from a plurality of
9 audio buffer components; and

10 an audio buffer identifier that identifies the audio buffer component.

11
12 **12. (currently amended)** A method as recited in claim 1, ~~wherein~~
13 ~~said receiving comprises the application program calling an interface method of~~
14 ~~the audio rendition manager, and wherein the method further comprises further~~
15 ~~comprising determining the requested programming reference with the one or~~
16 ~~more interface method search parameters, ~~comprising~~ that include:~~

17 a component identifier of one of the instantiated audio data processing
18 components, the search parameter having a value that identifies said component as
19 an audio buffer component;

20 an audio buffer identifier that identifies the audio buffer component; and

21 an audio data channel identifier that identifies an audio data channel
22 corresponding to the audio buffer component.

1 **13. (currently amended)** A method as recited in claim 1, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio rendition manager, and wherein the method further comprises~~ further
4 comprising determining the requested programming reference with the one or
5 more interface method search parameters, ~~comprising~~ that include:

6 a component identifier of one of the instantiated audio data processing
7 components, the search parameter having a value that identifies said component as
8 an audio data modifying component;

9 an audio data channel identifier that identifies an audio data channel
10 corresponding to the audio data modifying component;

11 a component class identifier that identifies a component class
12 corresponding to the audio data modifying component; and

13 an index parameter that identifies the audio data modifying component in a
14 group of audio data modifying components that each correspond to the audio data
15 channel and to the audio data modifying component class.

1 **14. (currently amended)** A method as recited in claim 1, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio rendition manager, and wherein the method further comprises~~ further
4 comprising determining the requested programming reference with the one or
5 more interface method search parameters, ~~comprising~~ that include:

6 a component identifier of one of the instantiated audio data processing
7 components, the search parameter having a value that identifies said component as
8 a synthesizer component;

9 an audio data channel identifier that identifies an audio data channel
10 corresponding to the synthesizer component;

11 a component class identifier that identifies a component class
12 corresponding to the synthesizer component; and

13 an index parameter that identifies the synthesizer component in a group of
14 synthesizer components that each correspond to the audio data channel and to the
15 synthesizer component class.

1 **15. (currently amended)** A method as recited in claim 1, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio rendition manager, and wherein the method further comprises~~ further
4 comprising determining the requested programming reference with the one or
5 more interface method search parameters, ~~comprising~~ that include:

6 a component identifier of one of the instantiated audio data processing
7 components, the search parameter having a value that identifies said component as
8 an effects processor component in an audio buffer component that receives audio
9 sound wave data from a plurality of audio buffer components;

10 an audio buffer identifier that identifies the audio buffer component
11 corresponding to the effects processor component;

12 a component class identifier that identifies a component class
13 corresponding to the effects processor component; and

14 an index parameter that identifies the effects processor component in a
15 group of effects processor components that each correspond to the audio buffer
16 component and to the effects processor component class.

1 **16. (currently amended)** A method as recited in claim 1, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio rendition manager, and wherein the method further comprises~~ further
4 comprising determining the requested programming reference with the one or
5 more interface method search parameters, ~~comprising~~ that include:

6 a component identifier of one of the instantiated audio data processing
7 components, the search parameter having a value that identifies said component as
8 an effects processor component in an audio buffer component;

9 an audio buffer identifier that identifies the audio buffer component
10 corresponding to the effects processor component;

11 an audio data channel identifier that identifies an audio data channel
12 corresponding to the effects processor component;

13 a component class identifier that identifies a component class
14 corresponding to the effects processor component; and

15 an index parameter that identifies the effects processor component in a
16 group of effects processor components that each correspond to the audio buffer
17 component, to the audio data channel, and to the effects processor component
18 class.

19
20 **17. (original)** One or more computer-readable media comprising
21 computer-executable instructions that, when executed, direct a computing system
22 to perform the method of claim 1.

1 **18. (original)** One or more computer-readable media comprising
2 computer-executable instructions that, when executed, direct a computing system
3 to perform the method of claim 4.

4
5 **19. (original)** One or more computer-readable media comprising
6 computer-executable instructions that, when executed, direct a computing system
7 to perform the method of claim 6.

1 **20. (currently amended)** A method, comprising:
2 providing a performance manager as an audio data processing component
3 having an interface that is callable by an application program;
4 the performance manager instantiating audio data processing components to
5 process audio data, each of the audio data processing components being
6 instantiated as a component object having an interface that is callable by the
7 application program, wherein the audio data processing components include an
8 audio content component that generates the audio data, and an audio rendition
9 manager corresponding to an audio rendition and processing the audio data to
10 render the corresponding audio rendition;
11 the audio content component receiving a request from the application
12 program for a programming reference corresponding to an interface of one of the
13 audio data processing components, the request from the application program being
14 a call to an interface method of the audio content component to provide one or
15 more interface method search parameters; and
16 the audio content component returning the requested programming
17 reference to the application program.

18
19 **21. (original)** A method as recited in claim 20, wherein said
20 returning comprises returning a memory address of a reference to the requested
21 programming reference.

1 **22. (currently amended)** A method as recited in claim 20, wherein
2 said receiving comprises the application program calling ~~an~~ the interface method
3 of the audio content component.

4
5 **23. (currently amended)** A method as recited in claim 20, ~~wherein~~
6 ~~said receiving comprises the application program calling an interface method of~~
7 ~~the audio content component, and wherein the method further comprises~~ further
8 comprising determining the requested programming reference with the audio
9 content component interface method.

10
11 **24. (currently amended)** A method as recited in claim 20, ~~wherein~~
12 ~~said receiving comprises the application program calling an interface method of~~
13 ~~the audio content component and providing one or more interface method search~~
14 ~~parameters, and wherein the method further comprises~~ further comprising
15 determining the requested programming reference with the audio content
16 component interface method in accordance with the one or more interface method
17 search parameters.

18
19 **25. (currently amended)** A method as recited in claim 20, ~~wherein~~
20 ~~said receiving comprises the application program calling an interface method of~~
21 ~~the audio content component, and wherein the method further comprises~~ further
22 comprising determining the requested programming reference with an interface
23 method search parameter that identifies the particular one of the audio data
24 processing components.
25

1
2 **26. (currently amended)** A method as recited in claim 20, ~~wherein~~
3 ~~said receiving comprises the application program calling an interface method of~~
4 ~~the audio content component, and wherein the method further comprises further~~
5 ~~comprising determining the requested programming reference with an interface~~
6 ~~method search parameter that is a component identifier of one of the audio data~~
7 ~~processing components, the search parameter having a value that identifies said~~
8 ~~component.~~

9
10 **27. (currently amended)** A method as recited in claim 20, ~~wherein~~
11 ~~said receiving comprises the application program calling an interface method of~~
12 ~~the audio content component, and wherein the method further comprises further~~
13 ~~comprising determining the requested programming reference with an interface~~
14 ~~method search parameter that is a component identifier of one of the audio data~~
15 ~~processing components, the search parameter having a value that identifies the~~
16 ~~performance manager.~~

17
18 **28. (currently amended)** A method as recited in claim 20, ~~wherein~~
19 ~~said receiving comprises the application program calling an interface method of~~
20 ~~the audio content component, and wherein the method further comprises further~~
21 ~~comprising determining the requested programming reference with an interface~~
22 ~~method search parameter that is a component identifier of one of the audio data~~
23 ~~processing components, the search parameter having a value that identifies the~~
24 ~~audio rendition manager.~~

1
2 **29. (currently amended)** A method as recited in claim 20, ~~wherein~~
3 ~~said receiving comprises the application program calling an interface method of~~
4 ~~the audio content component, and wherein the method further comprises further~~
5 ~~comprising determining the requested programming reference with an interface~~
6 ~~method search parameter that is a component identifier of one of the audio data~~
7 ~~processing components, the search parameter having a value that identifies the~~
8 ~~audio content component.~~

9
10 **30. (currently amended))** A method as recited in claim 20, ~~wherein~~
11 ~~said receiving comprises the application program calling an interface method of~~
12 ~~the audio content component, and wherein the method further comprises further~~
13 ~~comprising determining the requested programming reference with an interface~~
14 ~~method search parameter that is a component identifier of one of the audio data~~
15 ~~processing components, the search parameter having a value that identifies said~~
16 ~~component as an audio data processing component having one or more audio data~~
17 ~~modifying components.~~

1 **31. (currently amended)** A method as recited in claim 20, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio content component, and wherein the method further comprises~~ further
4 comprising determining the requested programming reference with the one or
5 more interface method search parameters, ~~comprising~~ that include:

6 a component identifier of one of the audio data processing components, the
7 search parameter having a value that identifies said component as an audio data
8 modifying component;

9 an audio data channel identifier that identifies an audio data channel
10 corresponding to the audio data modifying component;

11 a component class identifier that identifies a component class
12 corresponding to the audio data modifying component; and

13 an index parameter that identifies the audio data modifying component in a
14 group of audio data modifying components that each correspond to the audio data
15 channel and to the audio data modifying component class.

1 **32. (currently amended)** A method as recited in claim 20, ~~wherein~~
2 ~~said receiving comprises the application program calling an interface method of~~
3 ~~the audio content component, and wherein the method further comprises~~ further
4 comprising determining the requested programming reference with the one or
5 more interface method search parameters, ~~comprising~~ that include:

6 a component identifier of one of the audio data processing components, the
7 search parameter having a value that identifies said component as an audio data
8 processing component in the audio content component that said generates the
9 audio data;

10 a component class identifier that identifies a component class
11 corresponding to the audio data processing component in the audio content
12 component; and

13 an index parameter that identifies the audio data processing component in a
14 group of audio data processing components that each correspond to the component
15 class.

1 **33. (currently amended)** A method, comprising:
2 providing an audio rendition manager having audio data processing
3 components to process audio data;
4 requesting a reference corresponding to an interface of one of the audio
5 data processing components, the audio rendition manager receiving the request
6 and determining the requested reference, the audio rendition manager further
7 receiving the request as a call to an interface method of the audio rendition
8 manager to provide one or more interface method search parameters; and
9 receiving the requested reference from the audio rendition manager.

10
11 **34. (original)** A method as recited in claim 33, wherein said
12 receiving the requested reference comprises receiving a memory address of a
13 reference identifier that identifies the requested reference.

14
15 **35. (currently amended)** A method as recited in claim 33, wherein
16 said requesting comprises an application program calling ~~an~~ the interface method
17 of the audio rendition manager.

18
19 **36. (currently amended)** A method as recited in claim 33, wherein
20 said requesting comprises an application program calling ~~an~~ the interface method
21 of the audio rendition manager, and wherein said determining comprises
22 determining the requested reference with the audio rendition manager interface
23 method.

1 **37. (currently amended)** A method as recited in claim 33, wherein
2 said providing comprises instantiating the audio rendition manager as a component
3 object having one or more interfaces, wherein said requesting comprises an
4 application program calling ~~an~~ the interface method of the audio rendition
5 manager, and wherein said determining comprises determining the requested
6 reference with the audio rendition manager interface method.

7
8 **38. (currently amended)** A method as recited in claim 33, ~~wherein~~
9 ~~said requesting comprises an application program calling an interface method of~~
10 ~~the audio rendition manager and providing one or more interface method search~~
11 ~~parameters, and~~ wherein said determining comprises determining the requested
12 reference with the audio rendition manager interface method in accordance with
13 the one or more interface method search parameters.

14
15 **39. (currently amended)** A method as recited in claim 33, ~~wherein~~
16 ~~said requesting comprises an application program calling an interface method of~~
17 ~~the audio rendition manager, and~~ wherein said determining comprises determining
18 the requested reference with an interface method search parameter that identifies
19 the particular one of the audio data processing components.
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1 **40. (currently amended)** A method as recited in claim 33, ~~wherein~~
2 ~~said requesting comprises the application program calling an interface method of~~
3 ~~the audio rendition manager, and wherein said determining comprises determining~~
4 the requested reference with an interface method search parameter that is a
5 component identifier of one of the audio data processing components, the search
6 parameter having a value that identifies said component as an audio buffer
7 component.

8
9 **41. (currently amended)** A method as recited in claim 33, ~~wherein~~
10 ~~said requesting comprises the application program calling an interface method of~~
11 ~~the audio rendition manager, and wherein said determining comprises determining~~
12 the requested reference with an interface method search parameter that is a
13 component identifier of one of the audio data processing components, the search
14 parameter having a value that identifies said component as a synthesizer
15 component.

16
17 **42. (original)** One or more computer-readable media comprising
18 computer-executable instructions that, when executed, direct a computing system
19 to perform the method of claim 33.

20
21 **43. (original)** One or more computer-readable media comprising
22 computer-executable instructions that, when executed, direct a computing system
23 to perform the method of claim 36.
24
25

1 **44. (original)** One or more computer-readable media comprising
2 computer-executable instructions that, when executed, direct a computing system
3 to perform the method of claim 38.

4
5 **45. (currently amended)** A computer programmed to perform a
6 method, comprising:

7 instantiating a data manager as a programming object to manage processing
8 data, the data manager having an interface that is callable by an application
9 program;

10 the data manager performing acts comprising:

11 instantiating one or more data processing components as
12 programming objects that process the data, each data processing component
13 having an interface that is callable by the application program;

14 receiving a request for a programming reference corresponding to an
15 interface of one of the instantiated data processing components, the request
16 being received from the application program as a call to an interface
17 method of the data manager interface to provide one or more interface
18 method search parameters;

19 determining the requested programming reference with the data
20 manager interface method; and

21 returning the requested programming reference to the application
22 program.

1 **46. (original)** A method as recited in claim 45, wherein the data
2 manager is an audio rendition manager that corresponds to an audio rendition, and
3 wherein the data processing components process the data to render the
4 corresponding audio rendition.

5
6 **47. (original)** A method as recited in claim 45, wherein the data
7 manager is a performance manager having the one or more data processing
8 components that said process the data to generate audio instructions, and the
9 method further comprising instantiating an audio rendition manager that
10 corresponds to an audio rendition, the audio rendition manager processing the
11 audio instructions to render the corresponding audio rendition.

12
13 **48. (original)** A method as recited in claim 45, wherein said
14 returning the requested programming reference comprises returning a memory
15 address of a reference to the requested programming reference.

16
17 **49. (original)** A method as recited in claim 45, wherein said
18 determining comprises determining the requested programming reference with an
19 interface method search parameter that identifies the particular one of the
20 instantiated data processing components.

1 **50. (original)** A method as recited in claim 45, wherein said
2 determining comprises determining the requested programming reference with an
3 interface method search parameter that is a component identifier of one of the
4 instantiated audio data processing components, the search parameter having a
5 value that identifies said component as an audio buffer component.

6
7 **51. (original)** A method as recited in claim 45, wherein said
8 determining comprises determining the requested programming reference with an
9 interface method search parameter that is a component identifier of one of the
10 instantiated audio data processing components, the search parameter having a
11 value that identifies said component as a synthesizer component.

12
13 **52. (original)** One or more computer-readable media comprising
14 computer-executable instructions that, when executed, direct a computing system
15 to perform the method of claim 45.

16
17 **53. (original)** One or more computer-readable media comprising
18 computer-executable instructions that, when executed, direct a computing system
19 to perform the method of claim 46.

20
21 **54. (original)** One or more computer-readable media comprising
22 computer-executable instructions that, when executed, direct a computing system
23 to perform the method of claim 47.
24
25

1 **55. (currently amended)** An audio generation system, comprising:
2 an audio rendition manager configured to receive audio instructions from
3 one or more sources;
4 one or more audio instruction processing components configured to process
5 the audio instructions, the audio instruction processing components provided by
6 the audio rendition manager; and
7 an application program configured to request a reference corresponding to
8 one of the audio instruction processing components by initiating that the audio
9 rendition manager determine the requested reference and return the requested
10 reference to the application program, the application program being further
11 configured to request the reference by providing one or more interface method
12 search parameters.

13
14 **56. (currently amended)** An audio generation system as recited in
15 claim 55, ~~wherein the application program is configured to request the reference~~
16 ~~by providing one or more search parameters, and~~ wherein the audio rendition
17 manager is configured to determine the requested reference in accordance with the
18 one or more interface method search parameters.

19
20 **57. (original)** An audio generation system as recited in claim 55,
21 wherein the audio rendition manager is configured to determine the requested
22 reference with a search parameter that identifies the particular one of the audio
23 instruction processing components.
24
25

1 **58. (original)** An audio generation system as recited in claim 55,
2 wherein the audio rendition manager is configured to determine the requested
3 reference with a search parameter that is a component identifier of one of the
4 audio instruction processing components, the search parameter having a value that
5 identifies said component.

6
7 **59. (original)** An audio generation system as recited in claim 55,
8 wherein the audio rendition manager is configured to determine the requested
9 reference with a search parameter that is a component identifier of one of the
10 audio instruction processing components, the search parameter having a value that
11 identifies said component as having one or more audio instruction modifying
12 components.

13
14 **60. (original)** An audio generation system as recited in claim 55,
15 wherein the audio rendition manager is configured to determine the requested
16 reference with a search parameter that is a component identifier of one of the
17 audio instruction processing components, the search parameter having a value that
18 identifies said component as an audio instruction mixing component.

1 **61. (currently amended)** An audio generation system as recited in
2 claim 55, wherein the audio rendition manager is configured to determine the
3 requested reference with the one or more interface method search parameters;
4 ~~comprising~~ that include:

5 a component identifier of one of the audio instruction processing
6 components, the search parameter having a value that identifies said component as
7 an audio buffer component that receives audio instructions from a plurality of
8 audio buffer components; and

9 an audio buffer identifier that identifies the audio buffer component.

10
11 **62. (currently amended)** An audio generation system as recited in
12 claim 55, wherein the audio rendition manager is configured to determine the
13 requested reference with the one or more interface method search parameters;
14 ~~comprising~~ that include:

15 a component identifier of one of the audio instruction processing
16 components, the search parameter having a value that identifies said component as
17 an audio buffer component;

18 an audio buffer identifier that identifies the audio buffer component; and

19 an audio instructions channel identifier that identifies an audio instructions
20 channel corresponding to the audio buffer component.

1 **63. (currently amended)** An audio generation system as recited in
2 claim 55, wherein the audio rendition manager is configured to determine the
3 requested reference with the one or more interface method search parameters,
4 ~~comprising~~ that include:

5 a component identifier of one of the audio instruction processing
6 components, the search parameter having a value that identifies said component as
7 an audio instructions modifying component;

8 an audio instructions channel identifier that identifies an audio instructions
9 channel corresponding to the audio instructions modifying component;

10 a component class identifier that identifies a component class
11 corresponding to the audio instructions modifying component; and

12 an index parameter that identifies the audio instructions modifying
13 component in a group of audio instructions modifying components that each
14 correspond to the audio instructions channel and to the audio instructions
15 modifying component class.

1 **64. (currently amended)** An audio generation system as recited in
2 claim 55, wherein the audio rendition manager is configured to determine the
3 requested reference with the one or more interface method search parameters;
4 ~~comprising~~ that include:

5 a component identifier of one of the audio instruction processing
6 components, the search parameter having a value that identifies said component as
7 a synthesizer component;

8 an audio instructions channel identifier that identifies an audio instructions
9 channel corresponding to the synthesizer component;

10 a component class identifier that identifies a component class
11 corresponding to the synthesizer component; and

12 an index parameter that identifies the synthesizer component in a group of
13 synthesizer components that each correspond to the audio instructions channel and
14 to the synthesizer component class.

1 **65. (currently amended)** An audio generation system as recited in
2 claim 55, wherein the audio rendition manager is configured to determine the
3 requested reference with the one or more interface method search parameters;
4 ~~comprising~~ that include:

5 a component identifier of one of the audio instruction processing
6 components, the search parameter having a value that identifies said component as
7 an effects processor component in an audio buffer component that receives audio
8 instructions from a plurality of audio buffer components;

9 an audio buffer identifier that identifies the audio buffer component
10 corresponding to the effects processor component;

11 a component class identifier that identifies a component class
12 corresponding to the effects processor component; and

13 an index parameter that identifies the effects processor component in a
14 group of effects processor components that each correspond to the audio buffer
15 component and to the effects processor component class.

1 **66. (currently amended)** An audio generation system as recited in
2 claim 55, wherein the audio rendition manager is configured to determine the
3 requested reference with the one or more interface method search parameters;
4 ~~comprising~~ that include:

5 a component identifier of one of the audio instruction processing
6 components, the search parameter having a value that identifies said component as
7 an effects processor component in an audio buffer component;

8 an audio buffer identifier that identifies the audio buffer component
9 corresponding to the effects processor component;

10 an audio instructions channel identifier that identifies an audio instructions
11 channel corresponding to the effects processor component;

12 a component class identifier that identifies a component class
13 corresponding to the effects processor component; and

14 an index parameter that identifies the effects processor component in a
15 group of effects processor components that each correspond to the audio buffer
16 component, to the audio instructions channel, and to the effects processor
17 component class.

1 **67. (original)** An audio generation system as recited in claim 55,
2 further comprising:

3 a performance manager configured to receive audio content from one or
4 more sources and process event instructions to produce the audio instructions;

5 an audio content component configured to generate the event instructions
6 from the received audio content, wherein the performance manager provides the
7 audio content component;

8 wherein the application program is further configured to request a reference
9 corresponding to the performance manager by initiating that the audio content
10 component determine the requested reference with a search parameter having a
11 value that identifies the performance manager, and return the requested reference
12 to the application program.

1 **68. (original)** An audio generation system as recited in claim 55,
2 further comprising:

3 a performance manager configured to receive audio content from one or
4 more sources and process event instructions to produce the audio instructions;

5 an audio content component configured to generate the event instructions
6 from the received audio content, wherein the performance manager provides the
7 audio content component;

8 wherein the application program is further configured to request a reference
9 corresponding to the audio rendition manager by initiating that the audio content
10 component determine the requested reference with a search parameter having a
11 value that identifies the audio rendition manager, and return the requested
12 reference to the application program.

1 **69. (original)** An audio generation system as recited in claim 55,
2 further comprising:

3 a performance manager configured to receive audio content from one or
4 more sources and process event instructions to produce the audio instructions;

5 an audio content component configured to generate the event instructions
6 from the received audio content, wherein the performance manager provides the
7 audio content component;

8 wherein the application program is further configured to request a reference
9 corresponding to the audio content component by initiating that the audio content
10 component determine the requested reference with a search parameter having a
11 value that identifies the audio content component, and return the requested
12 reference to the application program.
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1 **70. (original)** An audio generation system as recited in claim 55,
2 further comprising:

3 a performance manager configured to receive audio content from one or
4 more sources and process event instructions to produce the audio instructions;

5 one or more audio content components configured to generate the event
6 instructions from the received audio content, wherein the performance manager
7 provides an audio content component for each source of audio content;

8 one or more event instruction modifiers configured to modify the event
9 instructions, each event instruction modifier corresponding to an audio content
10 component, wherein the performance manager provides the event instruction
11 modifiers; and

12 wherein the application program is further configured to request a reference
13 corresponding to an event instruction modifier by initiating that the corresponding
14 audio content component determine the requested reference and return the
15 requested reference to the application program.

1 **71. (original)** An audio generation system as recited in claim 55,
2 further comprising:

3 a performance manager configured to process event instructions to produce
4 the audio instructions;

5 one or more audio content components configured to receive audio content
6 from one or more sources, wherein the performance manager provides an audio
7 content component for each source of audio content;

8 one or more event instruction components configured to generate the event
9 instructions from the received audio content, each event instruction component
10 corresponding to an audio content component, wherein the performance manager
11 provides the event instruction components; and

12 wherein the application program is further configured to request a reference
13 corresponding to an event instruction component by initiating that the
14 corresponding audio content component determine the requested reference and
15 return the requested reference to the application program.